Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		3/5/2018,4/5/2018,7/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
85	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30 HP Star Delta Starter and as per the direction of engineer in charge of work							
	Borewell							
	Vinayakanagar		1				1.00	
	Palanahalli		1				1.00	
	Dwarakanagar		1				1.00	
	Agrahara layout		1				1.00	
	Thanisandra		1				1.00	
	Thirumenahalli		1				1.00	
						Present Qty	**6.00**	**nos**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer,
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		8/5/2018,9/5/2018,10/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
86	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications and as per the direction of engineer in charge of work							
	Pipeline							
	Vinayakanagar		1	30.00	0.75	0.80	18.00	
			1	8.00	0.75	0.80	4.80	
	Palanahalli		1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.80	0.80	19.20	
			1	30.00	0.80	0.75	18.00	
			1	30.00	0.80	0.75	18.00	
			1	30.00	0.80	0.80	19.20	
			1	30.00	0.80	0.80	19.20	
			1	30.00	0.80	0.80	19.20	
			1	30.00	0.80	0.80	19.20	
			1	30.00	0.80	0.80	19.20	
			1	30.00	0.80	0.80	19.20	
			1	6.00	0.80	0.80	3.84	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.75	16.88	
			1	30.00	0.75	0.75	16.88	
			1	30.00	0.75	0.75	16.88	
			1	30.00	0.75	0.60	13.50	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	10.00	0.60	0.80	4.80	
	Dwarakanagar		1	8.00	0.60	0.80	3.84	
	Shivapura		1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.75	0.80	18.00	

			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.75	16.88	
			1	30.00	0.70	0.80	16.80	
			1	30.00	0.70	0.80	16.80	
			1	30.00	0.70	0.80	16.80	
			1	30.00	0.70	0.80	16.80	
			1	10.00	0.60	0.80	4.80	
	Agrahara layout		1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.75	0.80	18.00	
			1	10.00	0.75	0.80	6.00	
	Thirumenahalli		1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.60	0.80	14.40	
			1	30.00	0.70	0.70	14.70	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	12.66	
			1	6.00	0.75	0.80	3.60	
	Thanisandra		1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	30.00	0.75	0.80	18.00	
			1	10.00	0.75	0.80	6.00	
						Present Qty	**1053.24**	**Cum**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		11/5/2018,12/5/2018,14/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
87	Providing and installing at site of work pvc pipes including cost of pipes and special and labour including lowering into trenches laying true to line level and prefect linking at joints, leak proof including jointing of approved type with all labour and lift charges handling charges including encasing the pipes all round to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete PVC pipe of 6kg/cm2 63mm (0.662) (Page no.14, Item No.3.4.2 a) (SR of							
	Pipeline							
	Vinayakanagar		1	30.00			30.00	
			1	8.00			8.00	
	Palanahalli		1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	6.00			6.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	10.00			10.00	
	Dwarakanagar		1	8.00			8.00	
	Shivapura		1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	

			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	10.00			10.00	
	Agrahara layout		1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	10.00			10.00	
	Thirumenahalli		1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	6.00			6.00	
	Thanisandra		1	30.00			30.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	10.00			10.00	
						Present Qty	**1868.00**	**m**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		15/5/2018,16/5/2018,17/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
88	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications and as per the direction of engineer in charge of work							
	from item no. 86						1053.24	
						Present Qty	1053.24	Cum

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		3/5/2018,4/5/2018,7/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
89	BESCOM Deposit							
	Borewell							
	Vinayakanagar		1				1.00	
	Palanahalli		1				1.00	
	Dwarakanagar		1				1.00	
	Agrahara layout		1				1.00	
	Thanisandra		1				1.00	
	Thirumenahalli		1				1.00	
						Present Qty	**6.00**	**Ls**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

-987.97

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		3/5/2018,4/5/2018,7/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
90	Coin Box with motor including cost of all labour complete as per specifications and as per the direction of engineer in charge of work							
	RO Plant Unit							
	Vinayakanagar		1	1.00			1.00	
	Palanahalli		1	1.00			1.00	
	Dwarakanagar		1	1.00			1.00	
	Shivapura		1	1.00			1.00	
	Bellahalli		1	1.00			1.00	
	Agrahara layout		1	1.00			1.00	
	Thirumenahalli		1	1.00			1.00	
	Jaigopalgowda, Thanisandra		1	1.00			1.00	
						Present Qty	**8.00**	**Each**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		3/5/2018,4/5/2018,7/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
91	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. and as per the direction of engineer in charge of work							
	RO Plant Unit							
	Palanahalli		1	6.75	0.90		6.08	
						Present Qty	**6.08**	**Sqm**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

3/5

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

- 100 -

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		3/5/2018,4/5/2018,7/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings and as per the direction of engineer in charge of work							
	10 HP, 16 Stgae							
	RO Plant Unit							
	Palanahalli		1	1.00			1.00	
						Present Qty	**1.00**	**Nos**

Contractor

Assistant Engineer

Consultant

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		3/5/2018,4/5/2018,7/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
93	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittingsand as per the direction of engineer in charge of work							
	12 HP, 25 Stgae							
	RO Plant Unit							
	Vinayakanagar		1	1.00			1.00	
	Dwarakanagar		1	1.00			1.00	
	Bellahalli		1	1.00			1.00	
	Agrahara layout		1	1.00			1.00	
	Thirumenahalli		1	1.00			1.00	
						Present Qty	**5.00**	**Nos**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer,
Project Division
Yelahanka Zone
Bangalore